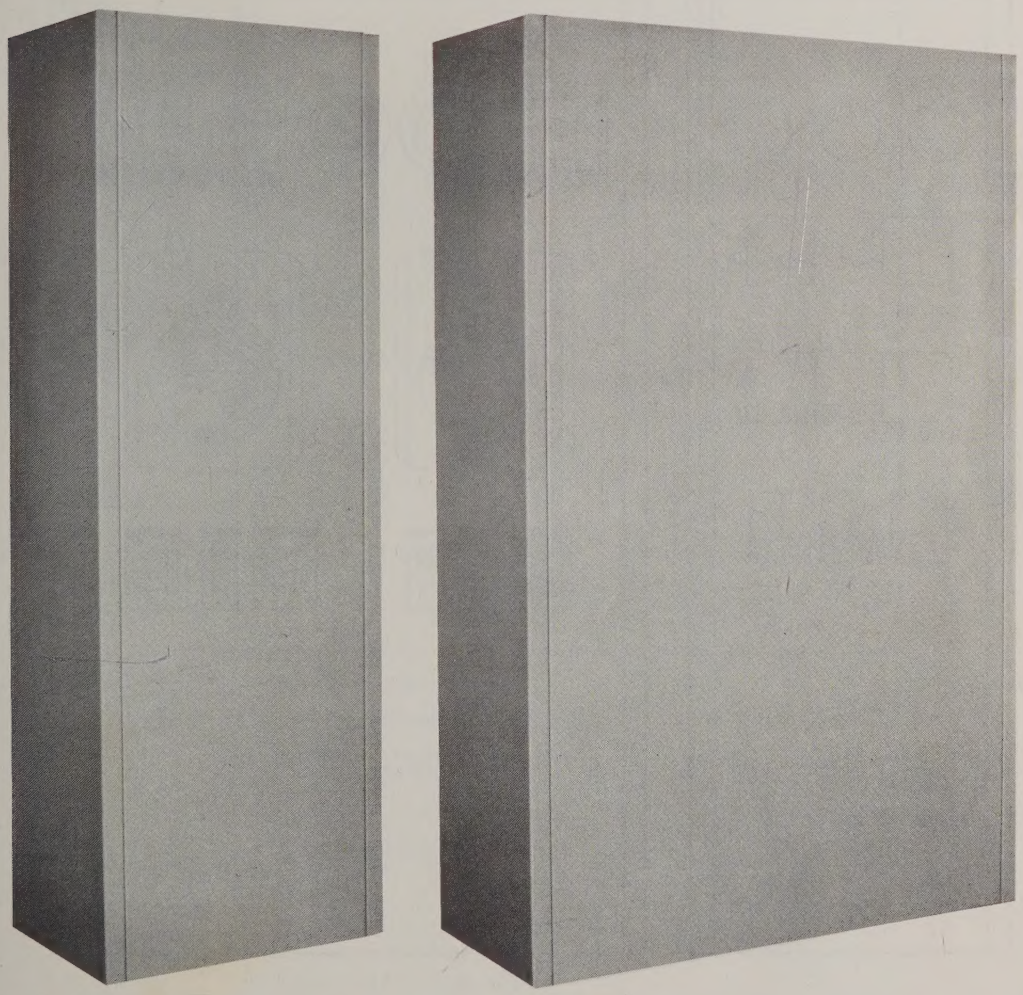
Bailey

SECTION
G17-1

PRODUCT INSTRUCTIONS

QPR MODU-LINE* PANELS



*REG. U.S. PAT. OFF.

BAILEY METER COMPANY • WICKLIFFE, OHIO 44092

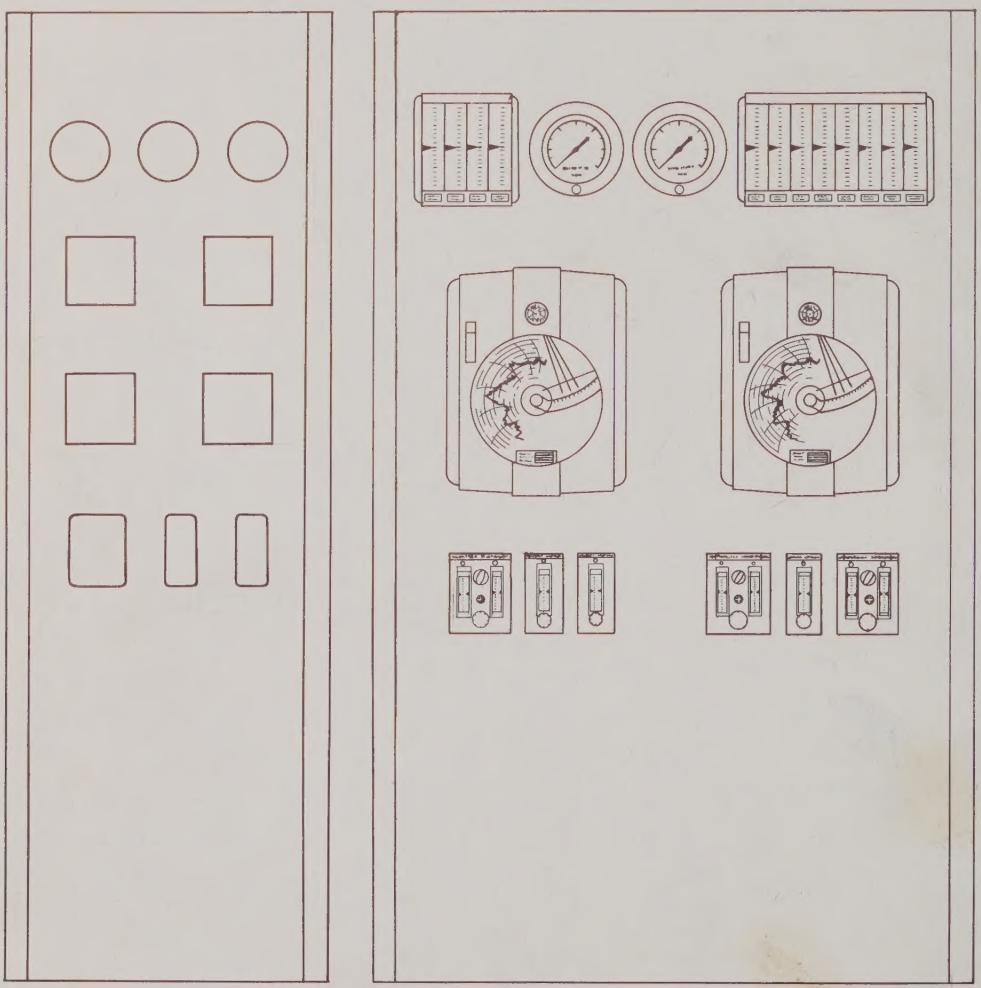
FORM IG17-1-1167

DESCRIPTION

The QPR Modu-Line panels are designed for mounting of electronic and pneumatic control equipment. The panels are modular design to allow expansion for future needs. Panel specifications are shown in Figure 1.

The basic QPR panel consists of two side wings and one front plate, bolted together at the sides. A lifting angle connects the two side plates at the top to provide support. Welded studs on the inside of the side plates and front plate provide for mounting Z bars for support of equipment.

The QPR Modu-Line panel is available knocked down or factory assembled, with or without cutouts. Factory assembly may include cutouts, wiring, tubing, and instrument mounting if desired (Figure 1). Mounting dimensions for the QPR panel are shown in Figures 2 and 3.



	Width	Height	Depth	Weight	Material
Single Panel	28 inches	84 inches	20 inches	255 lb	1/8-inch Steel Plate
Double Panel	52 inches	84 inches	20 inches	340 lb	

FIGURE 1 - QPR Panels with Cutouts and Instruments

© BAILEY METER COMPANY 1967

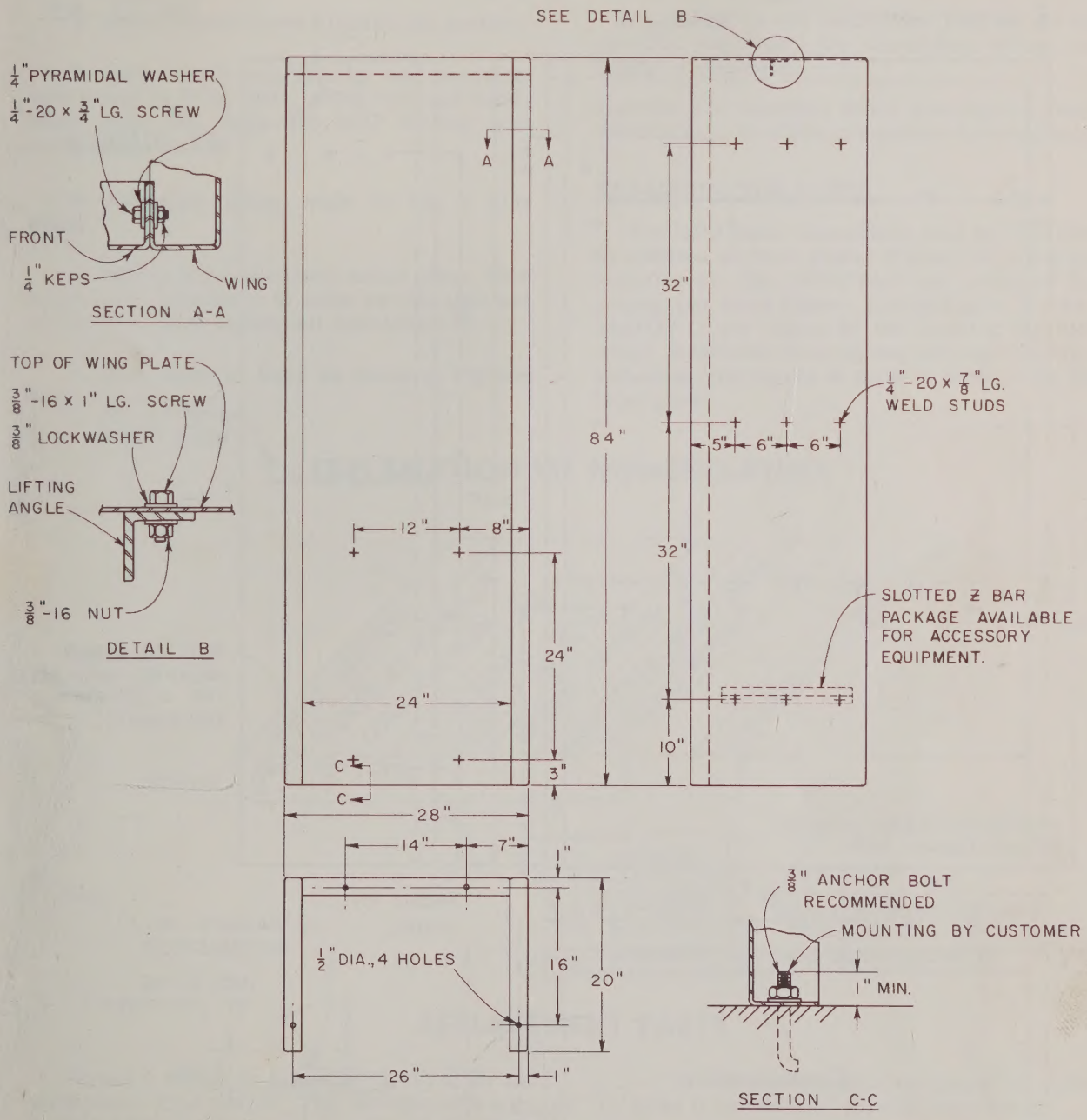


FIGURE 2 - Mounting Dimensions, 28-inch Panel

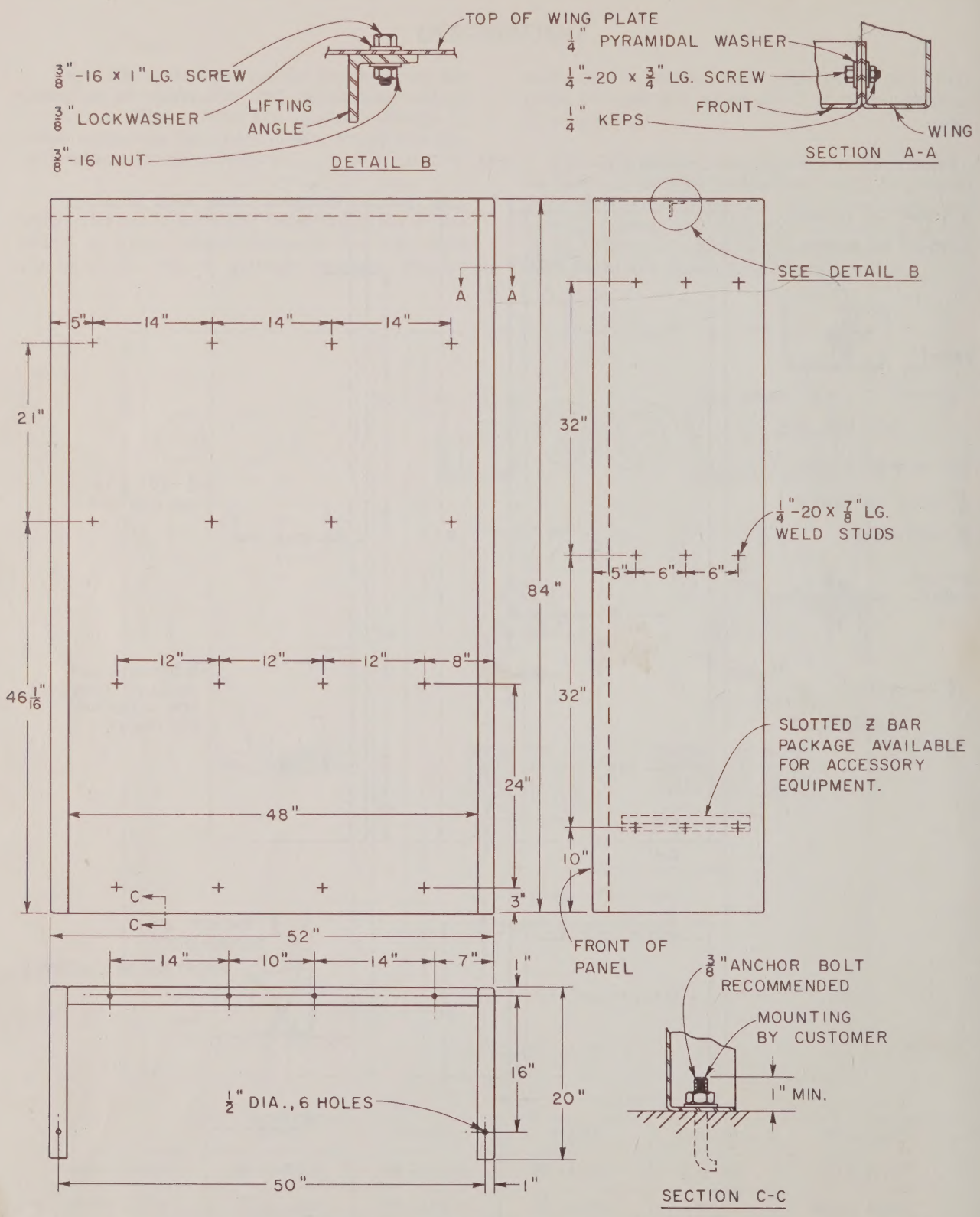


FIGURE 3 - Mounting Dimensions, 52-inch Panel

INSTALLATION

The QPR panel is normally shipped knocked down. To assemble the panel, proceed as follows. Refer to Figure 4.

1. Stand front plate on a horizontal surface.

2. With a drift pin, line up and assemble side wings to front plate, using nuts and bolts. Work from top down. DO NOT tighten nuts completely.

3. Assemble lifting angle to top of side wings.

4. When all bolts and nuts are in place, view panel from a distance to make certain that unit is straight. Then tighten all nuts securely.

5. Bolt panel to floor as shown in Figures 2 and 3.

6. Make panel cutouts for the specific equipment in accordance with dimensions contained in the instruction section for each unit.

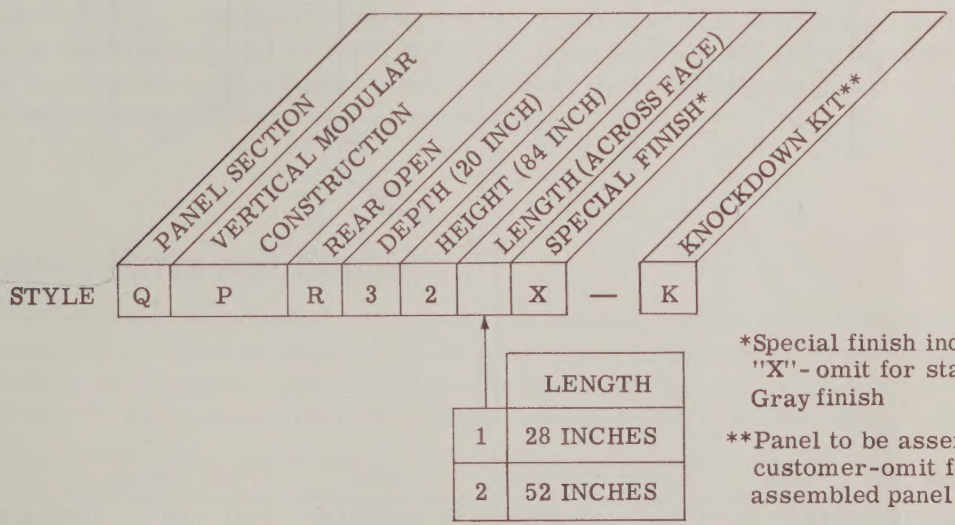
7. Refer to the instruction section for the specific instrument for connecting wiring and tubing connections.

Caution: For mounting heavy instruments, weld vertical support stiffeners to panel as necessary.

EXPANDING THE PANEL

The QPR Modu-Line panels may be expanded by addition of front plates (Figure 4). Junction supports Pt. No. 4819724-1 are required for joining the front plates. Lifting angles Pt. No. 4819727-□ are required for bracing the side wings. Additional bracing may be required when expanding the panels to provide support for the front plates.

EXPLANATION OF NOMENCLATURE



*Special finish indicated by "X" - omit for standard Tex Gray finish

**Panel to be assembled by customer-omit for factory assembled panel

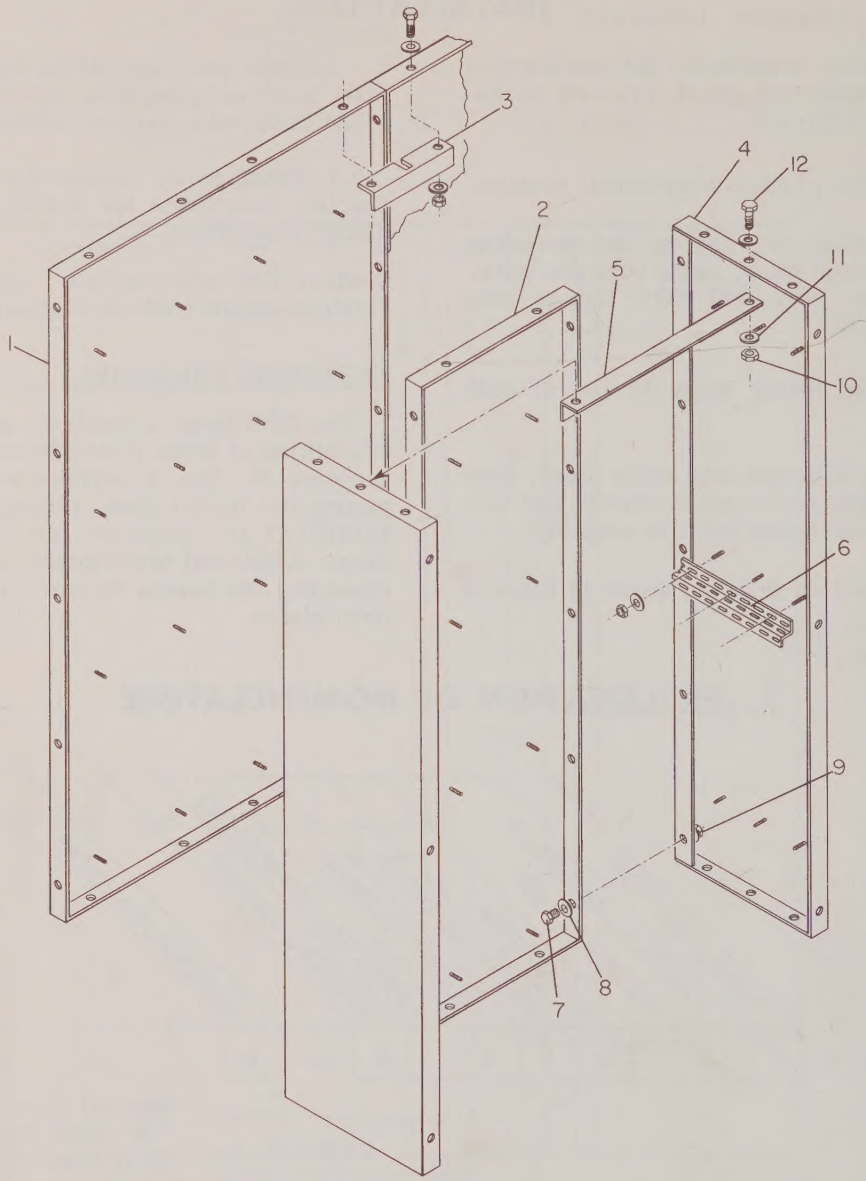
REPLACEMENT PARTS

Figure 4 shows an assembly drawing for the QPR Modu-Line panels. This drawing will normally apply to the units furnished. However there may be individual differences in specific assemblies due to:

a. Design changes made since the printing of this instruction section.

b. Special design of equipment furnished to make it suitable for special application.

Therefore, when ordering individual parts, assure the receipt of correct replacements by specifying on the order complete identification including the Nomenclature and Part Number of unit.



ITEM	PART NO.	NAME	ITEM	PART NO.	NAME	ITEM	PART NO.	NAME
1	4821234-1	48-INCH FRONT PLATE	7	1/4-20x3/4	LG STL HEX HD CAP SCREW, 10 REQD	11	3/8	DISHED TOOTHED PERIPHERY LKWASH, 4 REQD
2	4819723-1	24-INCH FRONT PLATE	8	1/4	PYRAMIDAL WASHER, 10 REQD	12	3/8-16x1	LG STL HEX HD CAP SCREW, 2 REQD
3	4819724-1	JUNCTION SUPPORT	9	1/4	KEPS NUT, 10 REQD			
4	4819725-1	SIDE WING, 2 REQD	10	3/8-16	STEEL HEX NUT, 2 REQD			
5	SEE TABLE	LIFTING ANGLE						
6	4819738-1	Z BAR						

ITEM 5	
LENGTH	PART NUMBER
27-1/2"	4819727-1
51-1/2"	4819727-2
75-1/2"	4819727-3

FIGURE 4 - QPR Modu-Line Panel Assembly

Product Warranty

Bailey Meter Company warrants the products manufactured by it to be free from defects in material and workmanship and will repair or replace, at its option, free of charge, f.o.b. its factory, such part or parts which prove defective within one year from date of shipment. In respect to any products which are not an integral part of a product manufactured by the Company, the warranty given by the manufacturer thereof shall apply.

Shipping Damage

We strongly recommend that you inspect and test your instrument as soon as you receive it. If the instrument is damaged or operates improperly, notify the carrier for inspection of the shipment. The carrier's claim agent will prepare a report of damage, a copy of which should be forwarded to your nearest Bailey District Office (see back cover for location). The District Office will then tell you how to have the instrument repaired or replaced.

Service

The Bailey Meter Company is vitally concerned that your Bailey instrument provides continued, fine performance. This instruction manual is designed to fully describe the correct installation, operation, and maintenance of your instrument under recommended conditions. If the need arises, factory-trained Service Engineers are on call for prompt, in-plant maintenance. Telephone or wire your nearby Bailey District Office to make arrangements for this service (see back cover for location and telephone number).

Replacement Parts and Supplies

Complete parts drawings and recommended spare parts kit information are included in this instruction manual. When replacement parts or supplies are required for maintenance of your Bailey instrument, contact your nearest Bailey District Office (see back cover for location). Always specify complete data on the instrument nameplate on your inquiry or order for parts. Common parts are available for shipment within 48 hours on a speed-order basis.

BAILEY METER COMPANY DISTRICT OFFICES, U.S.A.

CALIFORNIA

San Francisco
Code 415 Phone 989-6140

Los Angeles
Code 213 Phone 283-1187

COLORADO

Denver
Code 303 Phone 757-5408

GEORGIA

Atlanta
Code 404 Phone 378-4348

ILLINOIS

Chicago
Code 312 Phone 427-7324

LOUISIANA

New Orleans
Code 504 Phone 488-0841

MASSACHUSSETS

Boston
Code 617 Phone 426-0465

MICHIGAN

Detroit
Code 313 Phone 357-0440

MINNESOTA

St. Paul
Code 612 Phone 645-7752

MISSOURI

Kansas City
Code 816 Phone 361-4902

St. Louis
Code 314 Phone 962-5532

NEW YORK

Buffalo
Code 716 Phone 839-3662

New York
Code 212 Phone 986-8770

Schenectady
Code 518 Phone 374-7991

NEW JERSEY

East Orange
Code 201 Phone 674-6830

NORTH CAROLINA

Charlotte
Code 704 Phone 334-9161

OHIO

Cincinnati
Code 513 Phone 281-0132

Cleveland
Code 216 Phone 851-8600

PENNSYLVANIA

Philadelphia
Code 215 Phone 664-3282

Pittsburgh
Code 412 Phone 921-6356

TEXAS

Dallas
Code 214 Phone 363-6295

Houston
Code 713 Phone 774-9605

WASHINGTON

Seattle
Code 206 Phone 324-9300

WISCONSIN

Milwaukee
Code 414 Phone 461-1310

BAILEY METER COMPANY LTD., CANADA

ALBERTA

Edmonton
Code 403 Phone 488-3436

BRITISH COLUMBIA

Vancouver
Code 604 Phone 731-3709

MANITOBA

Winnipeg
Code 204 Phone 943-1481

NOVA SCOTIA

Halifax
Code 902 Phone 455-0574

ONTARIO

Ottawa
Code 613 Phone 722-1373

Toronto
Code 416 Phone 444-8488

QUEBEC

Montreal
Code 514 Phone 489-3881

Bailey

Bailey Meter Company • Wickliffe, Ohio 44092

In Canada: Bailey Meter Company Limited, Montreal, Canada